

ABSTRACT

[Abstract of the Disclosure]

5 Provided are a method and apparatus for encoding and decoding digital data
using a bandwidth extension technology. The method includes:
bandwidth-extension-encoding the digital data, outputting bandwidth-limited data, and
generating bandwidth extension information; encoding the bandwidth-limited data into a
hierarchical structure having a base layer and at least one enhancement layer so as to
control a bit rate; and multiplexing the encoded bandwidth-limited data and the
10 bandwidth extension information.

[Representative Drawing]

FIG. 1